

Today's Topics:

All India Radio (AIR) reception
Comments of Building Projects
Encryption, control, other random thoughts....
Kansas City Tracker??
Kenwood TS140
Re: Junk in ham-radio
rec.scanners
SONY 2010 MODS WANTED!!! Desparately
What about for us SWL's ? Re: Tuning dipoles and antennas.

Date: 20 Dec 89 02:43:38 GMT
From: oracle!news@apple.com (Sanjay Bulchandani)
Subject: All India Radio (AIR) reception
Message-ID: <1989Dec20.024338.8525@oracle.com>

I live on the west coast near San Francisco (Menlo Park) and wondered if any netters have had any luck receiving news broadcasts from All India Radio. I have a basic SONY 7600A receiver with analog tuning.

Tuning/Antenna/Time info would be much appreciated.

Please e-mail suggestions to me.

Thanks,
Sanjay

Sanjay A. Bulchandani INTERNET: sbulchan%oracle.com@apple.com
 UUCP : apple!oracle!sbulchan

Date: Wed, 20 Dec 89 09:38:20 EST
From: Robert Carpenter <rc@cmr.ncsl.nist.gov>
Subject: Comments of Building Projects
Message-ID: <8912201438.AA01779@cmr.ncsl.nist.gov>

Some one, in reply to a request for comments on ham radio construction projects, discussed the difficulties in realizing crystal filters.

This brings up an important philosophical point: just how much of the equipment do you have to design and fabricate to qualify for "home made". I, for one, don't think that it makes much sense to build even major components which are common off-the-shelf items. These include:
transistors

integrated circuits
loudspeakers
IF crystal filters
frequency control crystals
"block" VHF power amplifiers (Motorola and Japanese)
microwave integrated circuits
in most cases, diode ring mixers (Minicircuits and others)
etc.

My goal would be to get a working rig with modest effort. In any case, building a "real" rig is a substantial undertaking. OK, go back and replace some of the off-the-shelf components with those of your own design at a later date - but stick as much as possible to system design, not component design, if you want a useable product in a finite time.

Hats off to those who can do ALL the detailed parts and finish in a reasonable time.

One person's opinion... 73, Bob, W30TC

Date: 19 Dec 89 16:49:55 GMT
From: hpfcso!ron@hplabs.hp.com (Ron Miller)
Subject: Encryption, control, other random thoughts....
Message-ID: <7500006@hpfcso.HP.COM>

Paul Koning:

> I disagree with that analysis. The ECPA says that you can listen to things
> that are "readily accessible to the general public". Obviously that's a
> matter of interpretation. One interpretation, which is the one I would use,
> is that anything that can be bought for less than a thousand or two, or that
> can be built in a reasonably equipped hamshack, is "generally accessible".
>

However reasonable your interpretation, it really doesn't matter. What matters is how the case would be presented to a jury of "your peers*" in a court of law where you would be prosecuted.

Think about it in that light and you may want to change your interpretation.

Ron Miller
NWOU

* "your peers" generally winds up meaning citizens chosen for their availability and specific lack of knowledge in any pertinent area of your case. After having been disqualified from jury duty in a case where a young man flew an airplane into power lines and was

suing the electric utility for damages, I saw that being a pilot, an electrical engineer and a former Naval Officer (????) totally disqualified me from being a juror. The little old lady who doesn't know three-phase electricity from a solar eclipse was who they kept.

Date: 20 Dec 89 02:22:00 GMT
From: texbell!attctc!mic!rrm!ric@rutgers.edu (Ric Martin)
Subject: Kansas City Tracker??
Message-ID: <116@rrm.UUCP>

Can someone give me a pointer to a description of the Kansas City Tracker interface spec, as referenced in the article on Instanttrack. I have seen this standard(?) referenced in several ads, but am not sure whether it is a public standard or what?

ric

Richard R. Martin usenet: {convex, texbell, attctc} rrm!ric
n5nhi Internet: ric@rrm.lonestar.org

Date: 19 Dec 89 19:53:17 GMT
From: ingr!b11!herbster@uunet.uu.net (Joe Herbster)
Subject: Kenwood TS140
Message-ID: <6885@b11.ingr.com>

In article <5120004@hpindda.HP.COM>, genem@hpindda.HP.COM (Gene Marshall) writes:
> [nice stuff about ts-140...]

>

> The only changes that would be appreciated would be if the squelch and
> power controls were reversed (the power is a very sensitive slide
> switch and would be better as the rotary POT) and if an SWR meter was
> included. But, in that price range you can't expect everything.

I saw an article in one of the magazines (QST Hints & kinks??) about a year ago that did just that. It seems that it only takes the swapping of 2 wires inside to reverse the power and squelch controls. If you look at the schematics, it should be easy to see. It seems that nearly everyone who owns a '140 thinks about that within a week. I am very nearly breaking down to the point of buying a TS-680S to pick up on 6m. In 22 years of ham radio, I have never worked the 6m band.....with my luck I'll finally get the money for it at the

end of the sun-spot cycle.....Murphy lives in my back pocket.

I have heard quite a few TS140 and TS-440 rigs on the air. They sound great!! I never hear any complaints about them, just real nice signals. Have fun, don't drown...

de km4jn

Date: 19 Dec 89 18:07:22 GMT
From: hp-ses!hp-ptp!kenb@hplabs.hp.com (Ken_Buscho)
Subject: Re: Junk in ham-radio
Message-ID: <2700007@hp-ptp.HP.COM>

/ hp-ptp:rec.ham-radio / brian@ucsd.Edu (Brian Kantor) / 2:02 pm Dec 18, 1989 /

> if you are blessed with reading this as a Usenet newsgroup and have the
> 'rn' news reader, you can Kill any discussion you don't want to see by
> subject, and by author. For example, this is my Kill file.
>
> /:.*for sale/:j
> /Jim.Grubs/h:j
>
> The first disposes of any article whose subject line include 'for sale',
> and the second flushes anything posted by or about Jim Grubs.
>
> Selective reading is the answer. Trying to keep people from posting
> will never work.
> - Brian

Now if we can just get all flamers to include the word "flame" in their response...

Ken Buscho, KC6AKD
Office Automation Coordinator
Hewlett Packard
1266 Kiifer Road
Sunnyvale, CA 94086
(408)746-5065
Unit Leader
California Explorer Search & Rescue
354 Parrott Drive
San Mateo, CA 94402
(415)343-4122

Internet: kenb@hp-ptp.ptp.HP.COM
uucp: hplabs!hp-ptp!kenb

"Support search and rescue, get lost"

Date: 8 Dec 89 18:04:27 GMT
From: hpda!hpcupt1!hprnd!hprmokg!barry@ucbvax.Berkeley.EDU (Barry Fowler)
Subject: rec.scanners
Message-ID: <29490001@hprmokg.HP.COM>

I use my scanner in the kitchen to monitor the 2 meter repeaters.

When I hear a friend on, I turn on the rig and give 'em a call.

90% of the hours on my scanner are amateur radio-related. 73 Magazine is going to have an article on scanners in a future issue, I hear, that will feature two modifications: 1.) how to use the scanner to measure FM deviation and 2.) how to use it to decode PL frequencies.

Barry
WB6JZL

Date: 16 Dec 89 02:14:47 GMT
From: hpda!hpcupt1!eric@ucbvax.Berkeley.EDU (Eric Wertz)
Subject: SONY 2010 MODS WANTED!!! Desparately
Message-ID: <7120100@hpcupt1.HP.COM>

Me too. Can we just have them posted?

++tkx,
-eric (you mean I'll be able to enjoy my 2010 even MORE..?) wertz
(ucbvax!hpda!eric)

Date: 19 Dec 89 18:36:34 GMT
From: rti!xyzzz!aquila!harrism@mcnc.org (Mike Harris)
Subject: What about for us SWL's ? Re: Tuning dipoles and antennas.
Message-ID: <1543@xyzzz.UUCP>

In article <8971@cbmvax.commodore.com>, grr@cbmvax.commodore.com (George Robbins) writes:
> however only the "three knob" ones seem to offer "inputs for random wire",
> but then the "third knob" is nominally for tuning connection to the
> "transmitter", which should be non-critical for recieve only operation.

The two knobber is probably an L network which can, in addition to resonating the antenna, transform a high-impedence to a low (or visa-versa

if you reverse the connections). The three knobber is probably a pi which can resonate as well as perform impedance transformations in both directions without requiring re-cabling or internal switching.

A "true" long wire (≥ 1 wavelength) will have an impedance > 50 ohms and as such an appropriately connected L will suffice. The three knobber you refer to probably has those extra "inputs" with connectors, switch positions, etc as part of function packing to raise the price point up a bit.

regards,

Mike Harris - KM4UL
Data General Corporation
Research Triangle Park, NC

harrism@dg-rtp.dg.com
{world}!mcnc!rti!dg-rtp!harrism

End of INFO-HAMS Digest V89 Issue #1045
